

CAST IRON OR DUCTILE IRON RESILIENT CHECK VALVE

DESIGN DESCRIPTION:

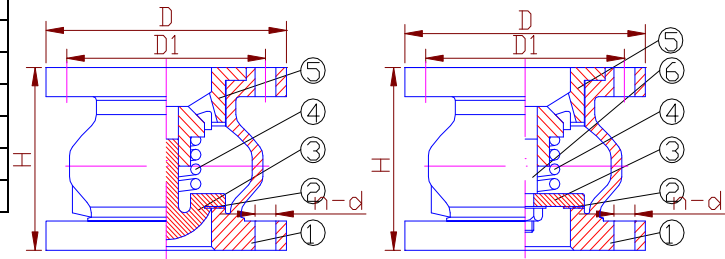
- Design: MSS.SP-85;
- Manufacture: Factory STD;
- Flange: ANSI B16.1, DIN2531/2532/2533;
- Threaded Cover;
- Metal Seal or Soft Seal;
- Material and Working Temp.:
 - ◆ Cast Iron and Ductile Iron: 0 °C-200 °C(32°F -392°F)
 - ◆ Brass or Bronze seal: 0 °C-100 °C(32°F -212°F)
 - ◆ Buna-N: 0 °C-71 °C(160°F) Maximum
 - ◆ EPDM: 0 °C-80 °C(176°F) Maximum



PARTS AND MATERIAL:

NO	PARTS NAME	MATERIALS
1	BODY	ASTM A126-B/A536, DIN GG25/GGG40
2	SEAT	BRASS/BRONZE/SS304/EPDM/NBR
3	DISC	ASTM A126-B/A536, DIN GG25/GGG40
4	SPRING	STAINLESS STEEL
5	DISC YOKE	ASTM A126-B/A536, DIN GG25/GGG40
6	STEM	STAINLESS STEEL

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	50	65	80	100	125	150	200	250	300
Size	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
H	120	120	140	170	200	220	288	344	385
Class 125LBS									
D	152	178	191	229	254	279	343	406	483
n	4	4	4	8	8	8	8	12	12
d	19	19	19	19	22	22	22	25	25
D1	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432
Class 150LBS									
D	152	178	191	229	254	279	343	406	483
n	4	4	4	8	8	8	8	12	12
d	19	19	19	19	22	22	22	25	25
D1	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432
PN10									
D	165	185	200	220	250	285	340	395	445
n	4	4	4	8	8	8	8	12	12
d	18	18	18	18	18	22	22	22	22
D1	125	145	160	180	210	240	295	350	400
PN16									
D	165	185	200	220	250	285	340	405	460
n	4	4	8	8	8	8	12	12	12
d	18	18	18	18	18	22	22	26	26
D1	125	145	160	180	210	240	295	355	410

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.